

## EAST Search History

| Ref # | Hits    | Search Query                          | DBs                | Default Operator | Plurals | Time Stamp          |
|-------|---------|---------------------------------------|--------------------|------------------|---------|---------------------|
| L1    | 81978   | (rf (radio near frequency)).<br>clm.  | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/10/20<br>10:45 |
| L2    | 87642   | feedback.clm.                         | US-PGPUB;<br>USPAT | OR               | OFF     | 2008/10/20<br>10:45 |
| L5    | 104368  | strength.clm.                         | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:46 |
| L6    | 71898   | noise.clm.                            | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:46 |
| L7    | 58176   | (gain power) near2 control.<br>clm.   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:47 |
| L9    | 351392  | (threshold limit criteria).clm.       | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:47 |
| L10   | 1       | 1 and 2 and 5 and 6 and 7<br>and 9    | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:48 |
| L11   | 94      | 1 and 5 and 6 and 7                   | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:48 |
| L12   | 49      | 11 and 9                              | US-PGPUB;<br>USPAT | OR               | ON      | 2008/10/20<br>10:48 |
| S1    | 1       | 10/721239                             | US-PGPUB;<br>USPAT | OR               | OFF     | 2007/09/05<br>14:49 |
| S2    | 401     | 455/232.1.ccls.                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>15:52 |
| S3    | 202815  | snr or sn or (signal near2<br>noise)  | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>15:42 |
| S4    | 114     | S2 and S3                             | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>15:42 |
| S5    | 28      | S4 and frame\$                        | US-PGPUB;<br>USPAT | OR               | ON      | 2006/03/01<br>16:16 |
| S6    | 4506480 | @ad<"20031103" or<br>@rlad<"20061103" | US-PGPUB;<br>USPAT | OR               | ON      | 2006/03/01<br>16:03 |
| S7    | 25      | S5 and S6                             | US-PGPUB;<br>USPAT | OR               | ON      | 2006/03/01<br>15:45 |
| S8    | 645     | 455/234.1.ccls.                       | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>15:53 |
| S9    | 46      | S8 and S3 and S6 and frame<br>\$      | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>16:02 |
| S10   | 785     | 375/345.ccls.                         | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>16:02 |
| S11   | 75      | S10 and S3 and S6 and<br>frame\$      | US-PGPUB;<br>USPAT | OR               | OFF     | 2006/03/01<br>16:03 |
| S12   | 4468504 | @ad<"20031103" or<br>@rlad<"20031103" | US-PGPUB;<br>USPAT | OR               | ON      | 2006/03/01<br>16:03 |

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|-----|-------|---|------------------------------|----|-----|---------------------|
| S13 | 163   | S10 and S12 and S6 and frame\$  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:04 |
| S14 | 74    | S10 and S3 and S12 and frame\$  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:04 |
| S15 | 33    | ("4661902"   "5029183"  <br>"5063547"   "5070536"  <br>"5077753"   "5231634"  <br>"5313169"   "5345440"  <br>"5412687"   "5444697"  <br>"5471464"   "5487069"  <br>"5488632"   "5506836"  <br>"5541965"   "5572528"  <br>"5602835"   "5636247"  <br>"5652772"   "5675572"  <br>"5682376"   "5687165"  <br>"5694389"   "5717689"  <br>"5726973"   "5732113"  <br>"5757766"   "5787080"  <br>"5787123"   "5812523"  <br>"6049705"   "6081558"  <br>"6130539").PN. OR<br>("6859504").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:09 |
| S16 | 16    | S15 and S3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:16 |
| S17 | 205   | 455/226.3.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:16 |
| S18 | 64    | S17 and S12 and gain  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:16 |
| S19 | 14    | S18 and frame\$   | US-PGPUB;<br>USPAT           | OR | ON  | 2006/03/01<br>16:16 |
| S20 | 27098 | noise near2 (sampl\$3 or<br>detect\$3)  | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:38 |
| S21 | 2349  | 455/232.1-253.2.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:39 |
| S22 | 109   | S20 and S21   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:39 |
| S23 | 102   | S22 and S12   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:39 |
| S24 | 13    | S23 and frame\$   | US-PGPUB;<br>USPAT           | OR | OFF | 2006/03/01<br>16:40 |

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|-----|---------|---|------------------------------|----|-----|---------------------|
| S25 | 35      | ("3872387"   "4355303"  <br>"4356567"   "4356568"  <br>"4563651"   "4792993"  <br>"5020092"   "5060294"  <br>"5230098"   "5251331"  <br>"5263055"   "5287556"  <br>"5301364"   "5321851"  <br>"5339454"   "5438684"  <br>"5448763"   "5598448"  <br>"5603115"   "5604927"  <br>"5630220"   "5691666"  <br>"5715282"   "5732341"  <br>"5734974"   "5828672"  <br>"5862465"   "5898699"  <br>"5949832"   "6009129"  <br>"6070062"   "6442143"  <br>"6476681").PN. OR<br>("6614806").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:54 |
| S26 | 274     | S10 and S21   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:56 |
| S27 | 241     | S26 and S12   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:55 |
| S28 | 95      | S27 and S3  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:55 |
| S29 | 56      | S10 and S20   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:56 |
| S30 | 54      | S29 and S12   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2006/03/01<br>16:56 |
| S31 | 5811    | (inter-frame (inter near<br>frame))   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:36 |
| S32 | 127     | S31 with noise  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:37 |
| S33 | 39      | S32 with (detect\$5 measur<br>\$5)  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:40 |
| S34 | 4872117 | @ad<"20031103" or<br>@rlad<"20061103"   | US-PGPUB;<br>USPAT           | OR | ON  | 2007/09/05<br>14:37 |
| S35 | 27      | S33 and S34   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:37 |
| S36 | 2713718 | (detect\$5 measur\$5)   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:40 |
| S37 | 936     | S31 with S36  | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:41 |
| S38 | 88554   | "455"/\$.ccls "375"/\$.ccls<br>"370"/\$.ccls.   | US-PGPUB;<br>USPAT           | OR | OFF | 2007/09/05<br>14:41 |

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|-----|------|-------------------|--------------------|----|-----|---------------------|
| S39 | 63   | S37 and S38       | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:41 |
| S40 | 36   | S39 and S34       | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:47 |
| S41 | 977  | 375/345.ccls.     | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:47 |
| S42 | 764  | sifs              | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:49 |
| S43 | 6223 | S42 or S31        | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:49 |
| S44 | 2    | S43 and S41       | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:50 |
| S45 | 1736 | 375/346.ccls.     | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:50 |
| S46 | 6    | S45 and S43       | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:51 |
| S47 | 3990 | 375/347-351.ccls. | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:51 |
| S48 | 11   | S47 and S43       | US-PGPUB;<br>USPAT | OR | OFF | 2007/09/05<br>14:51 |

10/20/2008 10:49:12 AM

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